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COMMITTEE ON THE PEACEFUL USES
OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 11 August 1993 from the Permanent Representative of the United States of America to the United Nations addressed to the Secretary-General

The Permanent Representative of the United States of America to the United Nations presents her compliments to the Secretary-General of the United Nations and, in accordance with article IV of the Convention on Objects Launched into Outer Space, has the honour to transmit the registration data for the United States space launches for the period of March through May 1993.

The following report supplements the registration data for the United States launches as of 31 March 1993.

All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination, deg	Apogee, km	Perigee, km	General function
The following objects were launched since the last report and remain in orbit:						
1993-015A	25 March 1993	193.2	27.3	9 163.9	221.98	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1993-015B	25 March 1993	192.8	27.2	9 127.3	231.43	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1993-017A	30 March 1993	354.5	32.8	20 398.5	31.8	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1993-017C	30 March 1993	101.0	36.1	1 305.34	308.42	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1993-017D	30 March 1993	358.0	34.7	20 461.7	185.93	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

International designation	Date of launch	Nodal period	Inclination, deg	Apogee, km	Perigee, km	General function

The following objects not previously reported have been identified since the last report: NONE

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 March 1993: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 March 1993: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 March 1993:

1967-043B
1992-027B
1975-052HR
1978-026AD
1978-026BY
1992-044B

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

The following report supplements the registration data for the United States launches as of 30 April 1993.

All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination, deg	Apogee, km	Perigee, km	General function
<u>The following objects were launched since the last report and remain in orbit</u>:						
1993-026A	25 April 1993	99.7	69.8	746	741	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1993-026B	25 April 1993	100.8	69.9	841	747	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1993-027A	26 April 1993	90.5	28.5	310	289	Reusable space transportation systems
<u>The following objects not previously reported have been identified since the last report</u>:						
1974-089FG	15 November 1974	104.6	101.0	1 082	872	Spent boosters, spent manoeuvring stages, shrouds, and other non-functional objects

International designation	Date of launch	Nodal period	Inclination, deg	Apogee, km	Perigee, km	General function
The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 30 April 1993:						
1993-023A	8 April 1993	90.2	57.0	297	273	Reusable space transportation systems
1993-023B	8 April 1993	90.2	57.0	311	295	Spacecraft engaged in research and exploration of the upper atmosphere or outer space

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 30 April 1993: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 30 April 1993:

1965-082EB
1966-026F
1972-058 CH

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data: NONE

The following report supplements the registration data for the United States launches as of 31 May 1993.

All launches were made from the territory of the United States unless otherwise specified.

International designation	Date of launch	Nodal period	Inclination, deg	Apogee, km	Perigee, km	General function
<u>The following objects were launched since the last report and remain in orbit</u>:						
1993-032A	13 May 1993	355.8	34.8	20 334	175	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1993-032B	13 May 1993	96.8	21.9	738	477	Spent boosters, spent manoeuvring stages, shrouds, and other non-functional objects
1993-032C	13 May 1993	356.0	34.9	20 344	180	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
<u>The following objects not previously reported have been identified since the last report</u>:						
1988-077D	2 September 1988	708.9	26.7	39 449	465	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1988-077E	2 September 1998	707.7	26.7	39 396	461	Spent boosters, spent manoeuvring stages, shrouds, and other non-functional objects

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International designation	Date of launch	Nodal period	Inclination, deg	Apogee, km	Perigee, km	General function

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 31 May 1993: NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 31 May 1993: NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on 31 May 1993:

1977-065DK
1979-057D
1993-027A

The following objects were launched since the previous report but did not achieve orbit: NONE

Revisions that should be made to previously reported data:

1993-015A	25 March 1993	621.5	26.9	35 276	217	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1991-31B	28 April 1991	89.5	57.0	255	245	Spacecraft engaged in research and exploration of the upper atmosphere or outer space
1990-15B	14 February 1990	93.9	43.1	483	450	Spacecraft engaged in research and exploration of the upper atmosphere or outer space

International designation	Date of launch	Nodal period	Inclination, deg	Apogee, km	Perigee, km	General function
1991-054C	2 August 1991	632.9	27.0	35 790	291	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-054D	2 August 1991	1 436.1	1.4	35 941	35 646	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects
1991-054E	2 August 1991	1 436.1	26.1	35 738	295	Spent boosters, spent manoeuvring stages, shrouds and other non-functional objects

1968-050A: Should be removed from the May 1992 category: The following objects not previously reported have been identified since the last report.